

Project Title:	Imaging heme based mitochondrial-cell signaling networks in cell and animal models of heavy metal toxicity
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Li
Heme dynamics and trafficking factors revealed by genetically encoded fluorescent heme sensors.	Hanna, David A; Harvey, Raven M; Martinez-Guzman, Osiris; Yuan, Xiaojing; Chandrasekharan, Bindu; Raju, Gheevarghese; Outten, F Wayne; Hamza, Iqbal; Reddi, Amit R	Proc Natl Acad Sci U S A (2016 Jul 5)	113 / 7539-44	PubMed Citat
Heme Mobilization in Animals: A Metallolipid's Journey.	Reddi, Amit R; Hamza, Iqbal	Acc Chem Res ()	49 / 1104-10	PubMed Citat
Macrophages and Iron Metabolism.	Soares, Miguel P; Hamza, Iqbal	Immunity (2016 Mar 15)	44 / 492-504	PubMed Citat
Paradoxical Roles of Antioxidant Enzymes: Basic Mechanisms and Health Implications.	Lei, Xin Gen; Zhu, Jian-Hong; Cheng, Wen-Hsing; Bao, Yongping; Ho, Ye-Shih; Reddi, Amit R; Holmgren, Arne; Arnér, Elias S J	Physiol Rev (2016 Jan)	96 / 307-64	PubMed Citat
Regulation of intracellular heme trafficking revealed by subcellular reporters.	Yuan, Xiaojing; Rietzschel, Nicole; Kwon, Hanna; Walter Nuno, Ana Beatriz; Hanna, David A; Phillips, John D; Raven, Emma L; Reddi, Amit R; Hamza, Iqbal	Proc Natl Acad Sci U S A (2016 Aug 30)	113 / E5144-52	PubMed Citat